

VOJIR,R.; KUNCOVA,S.

Unusual mental disorders in febrile diseases. Aktiv.nerv.sup.
6 no.1:102-103 '64

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VOJIR, R.; KUNCOVA, S.

Unusual mental disorders in inflammatory brain diseases. Cesk.
psychiat. 60 no.4:246-249 Ag '64.

1. Neurologické oddelení nemocnice v Praze na Bulovce.

KUDELA, Vlastimil; PEKMAN, Pavel; KUNCOVA, Vera

Study of the apparent and real specific weight of coke.
Prace Ust paliv 8:82-97 '64.

1. Research Institute of Fuels, Bechovice.

KUNCOVA, Z.

Glutamic acid in the treatment of oligophrenia in children. Pediat.
listy, Praha 8 no.1:11-14 Feb 1953. (CLML 24:3)

I. M. D., Assistant at the Pediatric Department of FZS (Head--Docent
Pisarovicova-Gizkova, M. D.)

KUNCOVA, M.; VINARICKY, R.

Food selection by rats exposed to physical stress. Cesk. fysiolo. 7 no.4:
372-373 July 58.

1. Fysiologicky ustav M.U. Brno.

(NUTRITION

food selectivity of rats exposed to physical exercise (Cz))
(EXERCISE, eff.

on food selectivity in rats (Cz))

KUNCOVA, Zdenka; MULLEROVA, Andela

A survey of idioneural excitability in school children. Cesk. pediat.
13 no.4:328-333 5 May 58.

1. Detske oddeleni fakultni polikliniky. Z.K., Praha II, Karlovo nam.
33.

(AUTONOMIC NERVOUS SYSTEM, physiol.
idioneural excitability in child. (Gz))
(NERVOUS SYSTEM, physiol.
same)

KUNC, Zdenek; KUNCOVA, Zdenka

Spinal meningocele & meningomyelocele. Cas. lek. cesk. 97 no.25:
769-775 20 June 58.

1. Neurochirurgicke oddeleni UVE v Praze. Detske oddeleni fakulni
polikliniky v Praze.

(SPINA BIFIDA, surg.

meningocele & spine bifida, indic. & technic (Cz))

VITEK, J.; KUNCOVA, Z.; NESPOR, E.

Basal neuropathy in a paroxysmal disease. Cesk.pediat. 14 no.12:
1075-1079 D '59.

1. Fakultni poliklinika KU v Praze.
(EPILEPSY)

KUNCOVA, Zdenka; PAVLASKOVA, Irena; TREPNY, Zdenek; TROCHOVA, Katerina

Seaside treatment of asthmatic children. Cesk.pediat. 15 no.9:
778-781 S '60.

1. Detske oddeleni Fakultni polikliniky v Praze 2, prednostka
MUDr. Zdenka Kuncova.
 (ASTHMA in infancy & childhood)
 (CLIMATE ther.)

KUNCOVA, Z.; HALIKOVA, M.; MULLEROVA, A.; PAVLASKOVA, I.; SOMMROVA, V.;
TROCHOVA, K.

Experiences with the treatment of asthmatic children. Cesk.pediat.
15 no.9:782-784 S '60.

1. Detské oddelení Fakultní polikliniky v Praze 2, přednostka
MUDr. Zdenka Kuncova.

(ASTHMA in infancy & childhood)

KUNCOVA, Z.; HORACKOVA, M.

Ambulatory follow-up of underweight children in varied etiology.
Cesk.pediat.16 no.2:128-134 F '61.

1. Pediatricka katedra fakulty vseobec. lekarstvi KU, detske
oddeleni Fakultni polikliniky v Praze, prednosta prof. dr.
F. Blazek.

(THINNESS in inf & child)

KUNCOVA, Z.

An analysis of headache in childhood. Cesk. pediat. 16 no.9:790-797
S '61.

1. Detske oddeleni Fakultni polikliniky v Praze 2, vedouci MUDr.
Zdenka Kuncova.

(HEADACHE in inf & child)

SVEJCAR, J., MUDr. prof.; KUNČOVA, Z., MUDr.; LHOTAK, J., MUDr.

Respiratory allergic diseases in children. Zdrav. aktuality no.1/7:
28-49 '61.

(ASTHMA in inf & child) (RESPIRATORY SYSTEM dis)
(ALLERGY in inf & child) (HOSPITAL OUTPATIENT SERVICE)
(PEDIATRICS hosp & clin)

KUNCOVA, Z.; SKORPIL, V.; KREDBA, J.

Electromyographic studies of children with spasmophilic symptoms.
Cesk. neurol. 25 no.1:11-16 Ja '62.

1. Detske oddeleni fakultni polikliniky v Praze 2 Neurochirurgicka
klinika v Praze-Stresovicich a fyziatricke oddeleni UVN v Praze-
Stresovicich.

(ELECTROMYOGRAPHY in inf & child)
(SPASMOPHILIA in inf & child)

KUNCOVA, Zdenka; VLADYKA, Vilibald

Electroencephalographic findings in children with spasmophilia. Cesk.
neuro1. 25 no.4:255-263 J1 '62.

1. Detske oddeleni fakultni polikliniky v Praze, neurochirurgicka
klinika fakulty vseobecneho lekarstvi Karlovy university v Praze.

(ELECTROENCEPHALOGRAPHY in inf & child)
(SPASMOPHILIA in inf & child)

KUNCOVA, Z.

CZECHOSLOVAKIA

KUNCOVA, Z., MD. Csc; Slosarova, V. MD.

1. Children's Ward of the Faculty Polyclinic (Detske oddeleni fakultni polikliniky), Prague (for Kuncova); 2. UNZ People's Committee of the Capitol (UNZ Narodniho vyboru hlavniho mesta), Prague

Prague, Prakticky lekar, No 1, 1963, pp 10-15

"The Occurence of Orthopedic Defects in Children."

CZECHOSLOVAKIA

KUHCOVA, Z., MD., CSc.

Children's Ward of the Faculty Polyclinic (Detske
oddeleni fakultni polikliniky), Prague

Prague, Prakticky lekar, No 17, 1963, pp 670-671

"Some Problems of Spasmophilic Neuropathy in Children."

KUNCOVA, Z.; VLADYKOVA, J.

Importance of ophtalmodynamometry in the diagnosis of vaso-
motor cephalgia in children. Cesk. pediat. 18 no.11:996-1002
N°63.

L. Detske oddeleni fakultni polikliniky v Praze 2 (vedouci:
MUDr. Z. Kuncova, CSc.) a Ocni oddeleni UVN v Praze (nacelnik:
doc. V. Jenci).

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KUNCOVA, Z.; HAVLICKOVA, V.

Morbidity in children in creches during the period 1953-1962 in the Czechoslovakian SSR. Cesk pediat. 19 no.10: 912-924 O '64.

1. Detske oddeleni fakultni polikliniky v Praze 2, (vedouci doc. dr. Z. Kuncova, CSc.) a Ministerstvo zdravotnictvi, odbor pece o zenu a dite (vedouci MUDr. O. Stoiova).

L 12928-66

ACC NR: AP6005637

SOURCE CODE: CZ/0079/65/007/002/0143/0143

AUTHOR: Pavlaskova, I.; Kuncova, Z.; Ronova, R.

ORG: none

TITLE: Development of children placed in day nurseries [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 143

TOPIC TAGS: psychology, man

ABSTRACT: 82 infants admitted at ages between 2 and 12 months were studied; adaptations to new conditions, and influence of the negative signs of adaptation on the general psychosomatic development are discussed. The group of 9-12 months had the poorest adaptability, the group 3 - 6 months the best. Psychomotor development was very good. The best physical growth and development were observed in children admitted to the nursery school at 9-12 months. [JPRS]

SUB CODE: 05 / SUBM DATE: none

Card 1/1

KUNCOVSKY, F.

Electroosmotic strengthening of soils.

P. 123 (Železniční Technika) Vol. 5, No. 5, May 1957, Czechoslovakia

SO: MONTHLY INDEX OF EASTERN EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7. No. 1, JAN. 1958

KUNCZ, D, 1948

(Univ. Clinic of Obst. No 2, Budapest)

"Histological Changes in Spayed Juvenile Rats Fed on Vitamin A Free Diet and Showing Colpokeratosis."

Prof. Szarka Memorial Volume, 1948 (95-99)
Abst: Exc. Med. 111, Vol. 111, No. 4, p. 163

KUNCZ, D.

KUNCZ, D., TURR, E.

Effect of intrauterine administration of follicular and luteinic
hormones. Magy. noorv. lap. 13:7, July 50. p. 227-32

1. Second Women's Clinic (Acting Head—Dr. Imre Zoltan), Budapest
University.

CLML 19, 5, Nov., 1950

GERLOCZY, F.;BENCZE, B.;SZENASY, J.;KUNCZ, D.

Studies on the vitamin E Barrier of the placenta. Acta med. hung.
2 no.3-4:413-420 1951. (CIML 23:2)

1. Of the First Pediatric Clinic and of the Second Gynecological Clinic,
Budapest University.

KUNCZ, D. 1951

(Dept. of Ped. & Dept. of Obstet., U. of Budapest. Med. School)"

"Examination of the Vitamin-E Barrier of the Placenta,"

Experientia (Basel), 1951, 7/11 (427-428)
Abst: Exc. Med. 11, Vol. 5, No. 8, p. 920

KUNOZ DENES; MAGY DEZSO; SZIGVASY LAZLO; TOTTH J. JANOS

Complication of pregnancy in eighth month by traumatic diphasic rupture of the spleen. Mary. noorv. lat 22 no.2:123-124 May 57.

1. A Makoi Varosi Tanacs Korhaza noosztalyanak (foorvos: Kunoz Denes) es sebeszeti osztalyanak (Igazgato-foorvos: Toth J. Janos) kozlemenye.
(PREGNANCY, compl.

spleen rupt.. traumatic, diphasic, in eighth month, surg.
(Hun))

(SPLEEN, rupt.
in pregn., traumatic diphasic rupt. in eighth month, surg.
(Hun))

KUNCZ, E.; BALAJTHY, B.; WALSA, R.

On the relation between the clinical, electroencephalographic and pathological findings in the senile psychiatric disease picture. Acta med. acad. sci. Hung. 21 no.1:79-98 '65.

1. Abteilung fuer Neurologie und Psychiatrie (Chefarzt: Dr. L. Angyal), Robert Karoly-Krankenhaus, Budapest, und Gesundheitsdienst der ungarischen Volksarmee, Budapest.

ANGYAL, Lajos, dr.; VARGA, Gyula, dr.; KRASZNAI, Ivan, dr.;
GORTVAI, Gyorgy, dr.; KALMAR, Katalin, dr.; GALLY, Maria, dr.;
KUNCZ, Elemer, dr.

Intraarterial procaine therapy in hypertension. Ideg. szemle
8 no.1.23-30 Feb 55.

1. A Robert Karoly koruti koskorhas kozlemenye (igazgato:
Kraassnai Ivan dr.)

(HYPERTENSION, ther.

procaine nerve block, results & mechanism of depressor eff.
(Hun))

(PROCAINE, anesth. & analgesia

nerve block in hypertension, results & mechanism of
depressor eff. (Hun))

(ANESTHESIA, REGIONAL, in various dis.

procaine nerve block in hypertension, results &
mechanism of depressor eff. (Hun))

KUNCZ, Elemer, dr.

Data on the classification of recurrent paranoid psychoses according to nosological principles. Idegyogy. szemle 14 no.5:140-147 My '61.

1. Budapesti XIII ker. Tanács Robert Karoly köruti Kórháza (Igazgató: Krasznai Ivan dr.) III sz. női elme- és idegosztályának (Főorvos: Angyal Lajos dr.) közleménye.

(PARANOIA)

HUNGARY

LUNOS, Ilona, Dr, THORBAT, Istvan, Dr; Robert Karoly Blvd. Public Hospital of the XIII. District Council of Budapest (Budapesti XIII. ker. Tanacs Robert Karoly koruti Kozkorhaza) (director: KRAJCNAI, Ivan, Dr), III. Women's Neurological and Psychiatric Ward (III. sz. noi elme-es idegorszaly) (chief physician: ANGYAL, Lajos, Dr).

"Text Analysis of the Diary of a Schizophrenic Patient."

Budapest, Ideggógyászati Szemle, Vol XIV, No 3, Mar 63, pages 77-80.

Abstract:[Authors' Hungarian summary] Seventy pages of a diary written over the period of one year by a 33 years old woman are studied by the authors in order to evaluate the phases of an autistic emotional world and self-healing tendencies. The authors conclude that the diary, as a form, is identical with a written monologue through which the patient, excluded from the outside world, betrays her aloneness. The idiosyncratic use of words and change of concepts reveal a certain striving for autonomy, for the preservation of the self. 1 Hungarian, 2 Western references.

1/1

KUNCZ, Elemer, dr.; THORDAI, Istvan, dr.

Text analysis of the diary of a schizophrenic patient. Ideggyogy.
szemle 16 no.3:77-80 Mr '63.

1. A budapesti XIII. ker Tanacs Robert Karoly koruti Kozkorhaza
(Igazgato: Krasznai Ivan dr.) III. sz. noi elme- es idegosztalyanak
(Foorvos: Angyal Lajos dr.) kozlemenye.
(SCHIZOPHRENIA)

Kunozynski, Zigmunt

KUNOZYNSKI, ZYGMUNT.

KUNOZYNSKI, ZYGMUNT. Urządzenia i maszyny w hodowli zwierząt gospodarskich.
(1. wyd.) Warszawa, Państwowe Wydawn. Rolnicze i Leśne, 1955. 84 p.
(Implements and machinery used in breeding farm animals. 1st ed.)
DA Not in DLC

AGRICULTURE
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

KUHL, E.

KUHL, E. Mechanization of the production of hoed plants in relation to the
production of corn. p. 40.

Vol. 2, No. 2, Feb. 1955.
JARNVEK MEZGAZDASAGI GEPEK.
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

KUND, Ede, a muszaki tudományok kandidátusa, Kossuth-díjas egyetemi tanár

Mechanization of soil protection. Jarmu mezo gep 5 no.1:22-25
Mr '58.

1. Budapesti Műszaki Egyetem.

KUND, Ede, a mezogazdasagi tudomanyok doktora

Is soil erosion hindered also by the leaves of plants besides
their roots? Elst tud 19 no.25:1188 19 Je '64.

HUNGARY / Soil Science Tillage. Melioration. Erosion. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48703

Author : Kund, Ede

Inst : ~~Not given~~

Title : Erosion and Soil Conservation

Orig Pub : Magyar mezogazd., 1957, 12, No 17, 12-13

Abstract : No abstract given

Card 1/1

62

#1171

END

KUND, Ede, a muszaki tudományok kandidátusa

Engineering operations in developing Hungary's agriculture. Muszaki
kozl MTA 28 no.1/4:283-297 '61. (EEAI 10:9)

(Agriculture)

Kund, G.G.
ZAYDEL', A.N.; KALITEYEVSKIY, N.I.; KUND, G.G.; FRATKIN, Z.G.

Spectrum analysis by the evaporation method. Part 3.
Role of "carriers" in the spectrum analysis of uranium.
Opt. 1 spektr. 2 no.1:28-33 Ja '57.

(MLRA 10:2)

(Uranium--Spectra)

ZAYDEL', A.N.; KALITEYEVSKIY, N.I.; KUND, G.G.; FRATKIN, Z.G.

Function of carriers in the spectrum analysis of materials of
low volatility. Fiz.sbor. no.4:29-30 '58. (MIRA 12:5)

1. Fizicheskiy institut Leningradskogo ordena Lenina gosudar-
stvennogo universiteta imeni A.A.Zhdanova.

(Uranium compounds--Spectra)

24.6700

67161

AUTHORS: Zhiglinskiy, A.G. and Kund, G.G.

SOV/51-7-6-29/38

TITLE: On the Spectral Determination of the Isotopic Composition of Strontium⁷⁹

PERIODICAL: Optika i spektroskopiya, 1959, Vol 7, No 6, pp 836-837 (USSR)

ABSTRACT: Strontium has four stable isotopes with atomic weights of 84, 86, 87 and 88. Sr⁸⁷ is formed by β -decay of Rb⁸⁷ and consequently the amount of the former is related to the ratio Rb/Sr and the age of the minerals from which a particular sample was obtained. Consequently the ratio of the relative abundance of Sr⁸⁷ with respect to that of the even isotopes of strontium is used to determine the geological age of rocks (Ref 1). Isotopic displacements of the spectral lines of strontium are so small that the lines of the even isotopes merge together while the line of Sr⁸⁷, whose nucleus has a spin of $I = 9/2$, has a clear hyperfine structure (Ref 2). This makes it possible to determine the relative proportions of the even and the odd isotopes of Sr by measuring the ratio of the intensities of the line representing the three even isotopes and the components of the Sr⁸⁷ line. For this purpose the hyperfine structure was recorded photoelectrically employing the apparatus used for studies of the isotopic structure of lead (Ref 3). An Sr II line at 4078 Å, corresponding to the transition $^2S_{1/2} \rightarrow ^2P_{3/2}$ was used. The hyperfine structure of this line is due to

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SOV/51-7-6-29/38

On the Spectral Determination of the Isotopic Composition of Strontium

splitting of the term $^2S_{1/2}$, which amounts to 0.158 cm^{-1} (Ref 2) and is shown schematically in Fig 1. Separation between etalons (32 cm) was such that the A and B h.f.s. components (Fig 1) of the consecutive orders were superimposed. A typical recording of the 4078 \AA line structure is shown in Fig 2 for a sample with 40% of Sr^{87} (the reflectivity of the etalon mirrors was 80%). Partial superposition of the line contours of the even and odd isotopes is due to insufficient resolution of the etalon and due to Doppler broadening of the lines. For this reason the authors used a calibration graph and to construct it they employed samples whose composition was known precisely from mass-spectrographic measurements. The calibrating graph departed strongly from a straight line especially in the region where the amount of Sr^{87} was close to 7% (7% is the lower limit of Sr^{87} concentration in natural strontium). The graph was constructed for concentrations of 7.0-52.6% Sr^{87} using six standards with 7.03, 15.0, 20.0, 30.0, 40.0 and 52.6% of Sr^{87} . In analyses of samples with 15-50% Sr^{87} the relative error amounted to 2-3%, while in the case of samples with 7-15% Sr^{87} the error rose to 5-7%. Acknowledgments are made to

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SOV/51-7-6-29/38

On the Spectral Determination of the Isotopic Composition of Strontium

A. N. Zaydel for his advice and to I. Ye. Starik and V. S. Zolotarov
for supplying separated strontium isotopes. There are 2 figures and
3 references, 2 of which are Soviet and 1 German.

SUBMITTED: July 8, 1959

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Card 3/3

ZHIGLINSKIY, A.G.; ZAYDEL', A.N.; KUND, G.G.

Autocollimation setup for the photoelectric recording of
hyperfine structure. Opt. i spektr. 10 no.6:792-796 Je '61.
(MIRA 14:8)
(Interferometry) (Photoelectric measurements)

S/169/62/000/012/006/095
D228/D307

AUTHORS: Zaydel', A.N., Zhiglinskiy, A.G., and Kund, G.G.

TITLE: Isotopic spectral analysis

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 10,
abstract 12:80 (Byul. Komis. po opredeleniyu absol-
yutn. vozrasta geol. formatsiy, AN SSSR, no. 5,
1962, 60-62)

TEXT: The most prevalent, accurate, sensitive and univer-
sal method of mass-spectrometrically determining isotopic composi-
tion involves various difficulties of principle and technique.
Spectral methods based on the differences existing in the atomic
and molecular spectra of different isotopes employ the simpler
equipment and require less time. Methods of spectrally determining
the isotopic composition have been employed for a series of elements.
The authors are now working on new methods for determining the iso-
topic composition of magnesium and oxygen. Equipment with a resolv-
ing power of up to 10^6 for studying atomic spectra generally con-

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Isotopic spectral analysis

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D228/D307

sists of a light source (hollow cathode, high-frequency discharge tube), a pre-analyzing monochromator, a Fabry-Pérot interferometer, and a photoelectric recording photometer. This apparatus determines the isotopic composition with a precision of from tenths of a percent to several percent of the specific concentration. Equipment for determining the isotopic composition from molecular spectra does not require an interferometer but usually contains a spectrograph with a resolving power of $\sim 10^4$; an arc serves as the light source. A new method is used for determining the isotopic composition of hydrogen and uranium, based on the measurement of the vapor with isotopic composition. Determinations of the isotopic composition of strontium carried out by the authors gave an accuracy of 3-5%, and lasted about $1\frac{1}{2}$ hours. Work by the authors on improving the isotopic composition of lead increased the measurement accuracy for all isotope concentrations by 2-3% of the content of each isotope. 27 references.

[Abstracter's note: Complete translation]

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ZHIGLINSKIY, A.G.; ZAYDEL', A.N.; KUND, G.G.

Spectrum analysis of Pb^{204} . Geokhimiia no.1:88-91 Ja '63.
(MIRA 16:9)

1. Leningradskiy gosudarstvennyy universitet.
(Lead isotopes—Spectra)

1. KUNDA, A.
2. USSR (600)
4. Telegraph Lines
7. High-quality network for technical communication lines, Sov. sviaz., No. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

1. KUNDA, A.
2. USSR (600)
4. Telephone Lines
7. High-quality network for technical communication lines, Sov. sviaz.,
3, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

KUNDA, H.A. (Pruchanskiy rayon, solo slomintsy)

I am very grateful. Rab.i sial. 37 no.11:15 H '61.

(MIRA 14:10)

(Pruchany District--Boarding schools)

CZECHOSLOVAKIA

KUNDA, S.; Psychiatric Department, Okresni Institute of National Health, Polyclinic (Psychiatricke Oddelenie OUNZ), Banska Bystrica; Psychiatric Department Okresni Institute of National Health (Psychiatricke Oddelenie OUNZ), Rimavska Sobota.

"On the Clinical Picture of Alcohol Addiction."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 4, Aug 66, pp 261 - 266

Abstract [Author's English summary modified]: Clinical course of dependency on alcohol within the picture of alcoholic addiction is described. The clinical picture is regular, interrupted by acute alcoholic psychosis, and resulting in chronic alcoholism. The variety of the people afflicted suggests that alcoholic addiction is not caused by "toxicomanic" traits of the personality, but rather by the individual psychopharmacological effect connected to the metabolic "affinity" to the drug. Alcoholic addicts should be treated as in-patients in hospitals. 1 Western, 6 Czech, 3 Russian, 1 East German reference. (Manuscript received 24 Dec 64).

1/1

KHARCHENKO, V., inzh.-tekhnolog (Leningrad); MARTOS, N., master-povar;
KUNDA, V., inzh.-tekhnolog; AKULINICHEV, M. (Leningrad)

Letters to the editor. Obshchestv. pit. no. 1:36-37 Ja '61.
(MIRA 14:1)

1. Zaveduyushchiy proizvodstvom restorana "Taymyr," g. Noril'sk
(for Martos). 2. Otdel obshchestvennogo pitaniya Mordovskogo
potreboyuza (for Kunda).

(Restaurants, lunchrooms, etc.)

R/009/62/000/007/001/001
D272/D308

AUTHORS: Cosma, Dante, Baicu, Ștefania, Kundacgian, Ardaș
and Hubert, Hilda, Engineers

TITLE: Considerations concerning the production of a ferrite-
martensitic refractory steel for gas turbine blades

PERIODICAL: Metalurgia și construcția de mașini, no. 7; 1962,
586-593

TEXT: The processing of a Nb-containing ferrite-marten-
sitic refractory steel was studied, in an effort to develop a mat-
erial suitable for the construction of gas turbine blades operating
in the temperature interval 550-650°C, with mechanical properties
equal to those of the high Ni-Cr content austenitic steels used for
this purpose. The composition of the starting material was: C 0.16,
Mn 0.76, Si 0.35, Sr 11.40, V 0.30, Mo 0.60, Nb 0.28, Ni 0.48,
N₂ 0.060 and O₂ 0.0080%. Macroscopic and microscopic faults appear
in this steel after the required thermal treatments and these were
eliminated by a series of preventive measures. Blow formation was

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Considerations concerning ...

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D272/D308

prevented by a considerable reduction of the gas content at the moment of casting; this was accomplished by several complementary actions comprising vigorous boiling of the bath, advanced deoxidation, and lowering of the temperature in certain stages of the process. The strong tendency for trans-crystallization was prevented by increasing the rate of crystallization, by using thin-walled ingot moulds (high temperature gradient) and low casting temperatures ($1540 \pm 20^{\circ}\text{C}$), and by hindering the tendency towards crystal growth by the use of low melting and surface active modifiers (Ca-Si). The formation of parallel linear structures was prevented by elimination of the $\alpha(\delta)$ phase through an addition of 1.75 - 2.75% Ni. The results were highly satisfactory, and allowed austenitic steels to be replaced by the cheaper ferrito-martensitic steels for gas turbine blades. There are 10 figures and 4 tables.

ASSOCIATION: Institutul de cercetări metalurgice (Metallurgical Research Institute)

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R/009/62/000/011/001/002
D272/D308

AUTHORS: Cosma, Dante, Kundacgian, Ardaş, Panaitescu, Florin,
Engineers, Matei, Constantin and Nedelcovici, Valer-
ia, Engineer

TITLE: The steel 40C10 microalloyed with boron

PERIODICAL: Metalurgia și Construcția de Mașini, no. 11, 1962,
984-988

TEXT: After a detailed discussion of the theory and practical experience relating to the microalloying of constructional steels with B in order to improve their temperability, some results are presented on an investigation of the effects of microquantities of B, added to the steel 40C10, upon its temperability and several of its mechanical properties. Ferroborn (with 16% B) was added after denitrifying and deoxidation of the steel in the furnace by additions of ferro-titanium and aluminum. The B content in the steel varied between 0.0003 and 0.0052%, achieving degrees of assimilation in the range 30-90%. The results were compared with those obtained

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The steel 40C10 ...

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D272/D308

on B-free specimens subjected to the same treatment. No faults were observed in the macroscopic and microscopic examination of the specimens containing B, in comparison with those lacking it. An increase of the temperability (determined in accordance with STAS E 4950-55) by a factor of 1.5-2 was observed in the B-containing specimens, but no variation of the temperability with the B content was noted. The B content caused an increase in the tensile strength and in the yield limit. Comparative diagrams of the variation of the mechanical characteristics as a function of the recovery temperature (400-600°C) for B containing and B lacking 40C10 steel have made possible the determination of increases in the yield limit, the elongation, the constriction and the resilience for equal values of the tensile strength. There are 6 figures and 5 tables.

ASSOCIATION: Institutul de cercetări metalurgice (Metallurgical Research Institute)

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(ADRENAL GLANDS—EXCISION)
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T.N., ordinator; KUNDEL', L.M., ordinator

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A.I.Kartamyshev) Moskovskoy klinicheskoy kozno-venerologicheskoy
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V.P.Nikolayev).

(PSORIASIS, therapy

balneother., results in Russia)

(BALNEOLOGY

balneother. of psoriasis, results in Russia)

KUNDEL, L.M.

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ACTH and cortisone. Probl. endok. i gorm. 3 no.6:83-89 N-D '57.
(MIRA 11:3)

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kozhno-venerologicheskoy bol'nitsy imeni Korolenko (glavnyy vrach-
zaslushenny vrach RSFSR V.P. Nikolayev)

(SKIN DISEASES, therapy,

ACTH & cortisone, side eff. (Rus)

(ACTH, injurious effects,

side eff. in skin dis. ther. (Rus)

(CORTISONE, inj. eff.

same)

R. H. DEE
PER, M.I., prof.; DADIOMOVA, V.G.; KUNDEL', L.M.; MASHKILEYSON, A.L.;
SHMELEV, K.A. (Moskva)

Treating some serious skin diseases with ACTH and cortisone.
Vrach.delo supplement '57:34 (MIRA 11:3)

1. Klinicheskaya kozhno-venerologicheskaya bol'nitsa.
(SKIN--DISEASES) (ACTH) (CORTISONE)

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Cortisone and ACTH treatment of patients with psoriatic erythroderma and arthropathic psoriasis. Sov.med. 23 no.10:119-123 0 '59.

(MIRA 13:2)

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(ERYTHRODERMA ther.)

(PSORIASIS ther.)

(ARTHRITIS ther.)

(CORTICOTROPIN ther.)

(CORTISONE ther.)

PER, M.I., prof.; DADIOMOVA, V.G.; KUNDEL', L.M.; MASHKILLEYSON, A.L.

Mercusal therapy of severe forms of psoriasis. Vest. dermat. 1 ven.
33 no.2:60-62 Mr-Apr '59. (MIRA 12:7)

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cheskoy kozhno-venerologicheskoy bol'nitsy imeni Korolenko (glavnyy
vrach - zasluzhennyy vrach RSFSR V.P. Nikolayev).

(PSORIASIS, ther.

barbital-mersalyl mixture (Rus))

(BARBITURATES, ther. use,

barbital mersalyl mixture in psoriasis (Rus))

(DIURETICS, MERCURIAL, ther. use,

mersalyl-barbital mixture in psoriasis (Rus))

Common Elements		Processes and Properties Index		Common Valuable Metals	
B E KUNDERA, M.				H 3	
<p>Amidines of the type of holocaine and derivatives. E. BURNŠ and M. KUNDERA (<i>Casopis českoslov. Lék.</i>, 1934, 24, 272—285; Chem. Zentr., 1935, I, 1368).—3:5-Dibromo-4-acetamidophenetole condenses (POCl₃) with p-phenetidine to yield N-3:5-dibromo-p-phenetyl-NH-p-phenetylacetamidine (I), m.p. 131—132° (hydrochloride; sulphate; phosphate; tartrate; salicylate). (I) is also formed from acetyl- and 3:5-dibromo-p-phenetidine; with Ac₂O and EtOAc it yields 3:5-dibromoacetyl- and, with BzCl, 3:5-dibromobenzoyl-p-phenetidine. Di-p-phenetyl-acetamidine, m.p. 116—117° (acetate; tartrate; salicylate, m.p. 176—178°), is formed in an analogous manner. H. N. R.</p>					
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION					
BROWNS DIVISION		STEEL DIVISION			
SILICO ALUMINOUS IRON AND STEEL		IRON AND STEEL			
CLASSIFIED BY DATE OF PUBLICATION		CLASSIFIED BY DATE OF PUBLICATION			
PUBLISHED MONTHLY		PUBLISHED MONTHLY			

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BLAZEK, J.; KUNDERA, M.

Organic compounds in the Russian Pharmacopeia VIII. Cesk. farm.
2 no.10-11:388-390 Nov 1953. (CINL 25:5)

BLAZEK, J.; KUNDERA, M.

Organic compounds in the Soviet Pharmacopeia VIII. Cesk. farm. 4
no.1:26-27 Jan 55.

(PHARMACOPEIA,

in Russia, organic cpds. in 8th edition)

ERBAN, Jiri; KUNDERA, Oldrich; HUSAK, Vaclav; KLEINBAUER, Karel

Camnagraph with background suppression. Jaderna energie 9
no.7:235-238 JI '63.

1. Ustredni dilna lekarske fakulty, Universita Palackeho;
Radioisotopove oddeleni lekarske fakulty, Universita Palackeho,
Olomouc.

KUNDEREVICH, K. V.

Safety measures when hauling from inclined workings.
Makeevka, 1939. 7 p. (50-41622)

TN295.K85

NN

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Provodnikov. Sbornik statey (Gos. Makeevsk. nauk. - issled. in-t
po bezopasnosti rabot v gornoy prom-sti), 1949, May s. 15-18

SO: LETOPIS' NO. 31, 1949

Noted the C. S. Company is making good.

KUNDIC, V.

The development and prospects of domestic plants for electric machinery and equipment. p.30.

(GLASNIK, No. 25/26, 1956

SO: Monthly List of East European Accessions (EEAL) IC Vol. 6, No. 12, Dec. 1957
Uncl.

1. KUNDIN, I.
2. USSR (600)
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3711. SOVIET MINERS ON SECOND ANNUAL "MINERS' DAY". Kudin, M. B. (Ugol (Coal), 1949, (8), 17-21). A review of progress in the various minefields in the U.S.S.R., giving figures for increases in output and in degree of mechanisation. (L).

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SECTION 100

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[Economics, organization and planning in the U.S.S.R. coal industry]
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POPOV, Vitaliy Erastovich; ZVYAGINTSEVA, Klavdiya Mikhaylovna; KUNDIN, M.B.,
otvetstvennyy redaktor; SUROVA, V.A., redaktor izdatel'stva; ALADOVA,
Ye.I., tekhnicheskiiy redaktor

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[Wage organization in the coal mining and mining industries]
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red.; ASTAKHOV, A.S., kand. ekonom. nauk, otv. red.; GOLUBEYATNIKOVA,
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[Economic effectiveness of automation in the mining industry]
Ekonomicheskaya effektivnost' avtomatizatsii v gornoi pro-
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KUNDIN, M.V.

[Increasing labor productivity in the coal industry] Povyshat' proizvoditel'nost' truda v ugol'noi promyshlennosti. Moskva, Ugletekhizdat, 1954. 76 p. (MIRA 8:3D)

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1. KUNDIN, V.
2. USSR (600)
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17 no.7:25-28 '64. (MIRA 17:11)

1. Krasnodarskiy gidroliznyy zavod (for Glazman, Savinykh, Gladkova,
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